

the kind are to be found in the numerous treatises on the metallurgical use of the blowpipe.

By the purely mechanical treatment, the miner would ascertain whether the sample tried was auriferous or not, and even without attempting to weigh the separated gold, he would be able to draw valuable conclusions from its aspect in the mortar, concerning the comparative richness of the stone.

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ART. XLVIII.—*On an Easy and Expeditious Method of verifying a Ship's Position on a Coast when only one Object on Shore can be seen either in the Day or Night, by the use of Perry's Anti-Collision Dial.*

By C. J. PERRY.

[Read 14th October, 1871.]

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ART. XLIX.—*On the Treatment of Criminals in Relation to Science.*

By H. K. RUSDEN.

[Read 11th November, 1872.]

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ART. L.—*On a Kaleidograph.*

By M. O. PRITCHARD.

[Read 11th November, 1873.]

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ART. LI.—*On Matter—a Mode of Motion.*

By FARIE MACGEORGE, ESQ.

[Read 11th November, 1872.]

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